

**PLANOGRAPHIC PRINTING PLATE AND PRINTING METHOD**

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**Abstract of JP9127683**

**PROBLEM TO BE SOLVED:** To enable direct plate making according to signals from a computer, to obtain high resolution and high stability for deposition of an ink in an image part, and to decrease contamination in a nonimage part with an ink by forming a layer of specified self-water dispersible thermoplastic resin particles on the surface of a hydrophilic substrate.

**SOLUTION:** The layer of self water dispersible thermoplastic resin particles which can be changed into oleophilic by heat is formed on the surface of a hydrophilic substrate, preferably an aluminum plate. In this case, the resin for the self-water dispersible thermoplastic resin particles is not limited and the resin is preferably a copolymer containing a monomer unit selected from styrene, substituted styrene such as  $\alpha$ -styrene, acrylates such as methylacrylate, 2-ethylhexyl acrylate, and methacrylates such as methylmethacrylate and 2-ethylhexyl methacrylate, and a monomer unit selected from acrylic acids and methacrylic acids.